

## EAST Search History

| Ref # | Hits     | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|----------|---|---|------------------|---------|------------------|
| L4    | 23515470 | @ad<="20021025" or<br>@rlad<="20021025" or<br>@ptad<="20021025" or<br>@pt1d<="20021025" or<br>@pt3d<="20021025"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/06 18:28 |
| L5    | 1507     | (sim (subscriber near3 module)<br>(remov\$4 near3 memory) wim<br>smartcard (smart near2 card))<br>near10 ((component\$2 unit equip\$4<br>featur\$4) near5 (fail\$4 status\$4<br>perform\$4 operat\$4 function\$4))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/06 18:31 |
| L6    | 1130     | 4 and 5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/06 18:30 |
| L7    | 382      | (sim (subscriber near3 module)<br>(remov\$4 near3 memory) wim<br>smartcard (smart near2 card))<br>near10 ((component\$2 unit equip\$4<br>featur\$4) near5 (fail\$4 status\$4<br>perform\$4 operat\$4 function\$4))<br>same (mobile (personal\$4 near3<br>(digital device communicat\$4)) pda<br>\$phone (apparatus near3<br>communicat\$4) cellular handheld<br>(portable near3 (communicat\$4<br>device))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/06 18:40 |
| L8    | 271      | 4 and 7   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/06 18:34 |
| L9    | 487      | (sim (subscriber near3 module)<br>(remov\$4 near3 memory) wim<br>smartcard (smart near2 card)) with<br>(monitor\$4 near5 (component\$2<br>unit equip\$4 featur\$4 status\$4<br>perform\$4 operat\$4 function\$4))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/06 18:43 |
| L10   | 381      | 4 and 9   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/06 18:42 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| L11 | 102 | (sim (subscriber near3 module) (remov\$4 near3 memory) wim smartcard (smart near2 card)) with (monitor\$4 near5 (component\$2 unit equip\$4 featur\$4 status\$4 perform\$4 operat\$4 function\$4)) same (mobile (personal\$4 near3 (digital device communicat\$4)) pda \$phone (apparatus near3 communicat\$4) cellular handheld (portable near3 (communicat\$4 device))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 18:52 |
| L12 | 86  | 4 and 11  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 18:44 |
| L13 | 35  | (sim (subscriber near3 module) (remov\$4 near3 memory) wim smartcard (smart near2 card)) with (report\$4 near5 (component\$2 unit equip\$4 featur\$4 status\$4 perform\$4 operat\$4 function\$4)) same (mobile (personal\$4 near3 (digital device communicat\$4)) pda \$phone (apparatus near3 communicat\$4) cellular handheld (portable near3 (communicat\$4 device)))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 18:57 |
| L14 | 26  | 4 and 13  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 18:54 |
| L15 | 739 | (sim (subscriber near3 module) (remov\$4 near3 memory) wim smartcard (smart near2 card)) with (control\$4 near5 (component\$2 unit equip\$4 featur\$4 status\$4 perform\$4 operat\$4 function\$4)) same (mobile (personal\$4 near3 (digital device communicat\$4)) pda \$phone (apparatus near3 communicat\$4) cellular handheld (portable near3 (communicat\$4 device))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 19:00 |
| L16 | 524 | 4 and 15  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 18:59 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| L17 | 104 | (sim (subscriber near3 module) (remov\$4 near3 memory) wim smartcard (smart near2 card)) with ((detect\$4 inform\$4) near5 (component\$2 unit equip\$4 featur\$4 status\$4 perform\$4 operat\$4 function\$4)) same (mobile (personal\$4 near3 (digital device communicat\$4)) pda \$phone (apparatus near3 communicat\$4) cellular handheld (portable near3 (communicat\$4 device)))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 19:05 |
| L18 | 77  | 4 and 17  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 19:02 |
| L19 | 36  | (sim (subscriber near3 module) (remov\$4 near3 memory) wim smartcard (smart near2 card)) same ((monitor\$4 detect\$4 inform\$4) near5 ((component\$2 unit equip\$4 transceiv\$4 receiver) near8 (status\$4 perform\$4 operat\$4 overheat\$4 function\$4))) same (mobile (personal\$4 near3 (digital device communicat\$4)) pda \$phone (apparatus near3 communicat\$4) cellular handheld (portable near3 (communicat\$4 device))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 19:20 |
| L20 | 24  | 4 and 19  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 19:08 |
| L21 | 20  | (sim (subscriber near3 module) (remov\$4 near3 memory) wim smartcard (smart near2 card)) near10 (measur\$4 near5 (component\$2 unit equip\$4 transceiv\$4 receiver perform\$4 operat\$4 function\$4)) same (mobile (personal\$4 near3 (digital device communicat\$4)) pda \$phone (apparatus near3 communicat\$4) cellular handheld (portable near3 (communicat\$4 device)))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 19:25 |
| L22 | 24  | 4 and 20  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 19:22 |

## EAST Search History

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| L23 | 11  | 4 and 21   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 19:22 |
| L24 | 15  | ((sim (subscriber near3 module)<br>(remov\$4 near3 memory) wim<br>smartcard (smart near2 card))<br>near10 ((measur\$4 detect\$4<br>report\$4 inform\$4 control\$4) near6<br>hardwar\$4)) same (mobile<br>(personal\$4 near3 (digital device<br>communicat\$4)) pda \$phone<br>(apparatus near3 communicat\$4)<br>cellular handheld (portable near3<br>(communicat\$4 device))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 19:33 |
| L25 | 7   | 4 and 24   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 19:27 |
| L26 | 98  | ((sim (subscriber near3 module)<br>wim smartcard (smart near2 card))<br>near10 ((measur\$4 detect\$4<br>report\$4 inform\$4 control\$4) near6<br>hardwar\$4))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 19:39 |
| L27 | 76  | 4 and 26   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 19:34 |
| L28 | 884 | (sim (subscriber near3 module)<br>wim) near7 (component\$4<br>hardwar\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 19:48 |
| L29 | 592 | 4 and 28   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 19:40 |
| L30 | 22  | (sim (subscriber near3 module)<br>wim) near5 ((monitor\$4 report\$4)<br>near5 (component\$4 hardwar\$4))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 19:50 |
| L31 | 7   | 4 and 30   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 19:49 |

## EAST Search History

|     |          |   |   |    |    |                  |
|-----|----------|---|---|----|----|------------------|
| L32 | 7        | (sim (subscriber near3 module) wim) near5 ((fail\$4 error crash\$4) near5 (component\$4 hardwar\$4 equip\$6))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 20:18 |
| L33 | 4        | 4 and 32  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 19:51 |
| L34 | 2        | "20040075675"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 20:18 |
| S1  | 2        | "20040087303"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/28 13:26 |
| S2  | 88764    | "455"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 15:18 |
| S3  | 24689898 | @ad<="20031025" or<br>@rlad<="20031025" or<br>@ptad<="20031025" or<br>@pt1d<="20031025" or<br>@pt3d<="20031025"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 13:04 |
| S4  | 73202    | S2 and S3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 10:24 |
| S5  | 125      | (ms mobile \$6phone cellular terminal ue (user near2 equipment)) with collect\$4 with status with (servic\$4 provider\$2)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 10:32 |
| S6  | 17       | S4 and S5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 10:26 |
| S7  | 1065     | (ms mobile \$6phone cellular terminal ue (user near2 equipment)) with (report\$4 collect\$4) with (component\$2 maintain\$4 device\$2) with (servic\$4 provider\$2) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 15:18 |

## EAST Search History

|     |          |  |   |    |    |                  |
|-----|----------|--|---|----|----|------------------|
| S8  | 174      | S4 and S7  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 10:33 |
| S9  | 2488     | ((ms mobile \$6phone cellular terminal ue (user near2 equipment)) near4 (component\$2 maintain\$4 device\$2 data information repair\$4 problem fail\$4 crash\$4)) with (report\$4 collect\$4) with (servic\$4 provider\$2) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/28 18:19 |
| S10 | 23281537 | @ad<="20021025" or @rlad<="20021025" or @ptad<="20021025" or @pt1d<="20021025" or @pt3d<="20021025"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 15:18 |
| S11 | 68405    | S2 and S10   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 10:44 |
| S12 | 365      | S9 and S11   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 10:44 |
| S13 | 1581     | ((ms mobile \$6phone cellular terminal ue (user near2 equipment)) near4 (component\$2 maintain\$4 device\$2 data function repair\$4 problem fail\$4 crash\$4)) with (report\$4 collect\$4) with (servic\$4 provider\$2)    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 10:55 |
| S14 | 246      | S11 and S13  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 10:47 |
| S15 | 285      | ((ms mobile \$6phone cellular terminal ue (user near2 equipment)) near4 (component\$2 maintain\$4 operat\$5 data function repair\$4 fail\$4 crash\$4)) with (report\$4 collect\$4) with provider\$2                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 10:56 |
| S16 | 287      | ((ms mobile \$6phone cellular terminal ue (user near2 equipment)) near4 (component\$2 maintain\$4 operat\$5 data function repair\$4 character\$5 crash\$4)) with (report\$4 collect\$4) with provider\$2                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 11:05 |

## EAST Search History

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S17 | 62   | S16 and S11   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 10:57 |
| S18 | 135  | ((ms mobile \$6phone cellular terminal ue (user near2 equipment)) near4 (operat\$5 function repair\$4 diagnostic\$4 character\$5 crash\$4)) with (report\$4 notify\$4 collect\$4) with provider\$2                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 11:16 |
| S19 | 40   | S11 and S18   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 11:13 |
| S20 | 7    | (ms mobile \$6phone cellular terminal ue (user near2 equipment)) with (operat\$5 function diagnostic\$4 character\$5 crash\$4) with (fix\$4 repair\$4 modify\$4) with (report\$4 notify\$4 collect\$4) with provider\$2 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 11:18 |
| S21 | 35   | ((ms mobile \$6phone cellular terminal ue (user near2 equipment)) near4 (operat\$5 function diagnostic\$4)) same (fix\$4 repair\$4 modify\$4) same (report\$4 notify\$4 collect\$4) same provider\$2                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 11:23 |
| S23 | 27   | S10 and S21   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 11:19 |
| S24 | 0    | ((ms mobile \$6phone cellular terminal ue (user near2 equipment)) near4 (status diagnostic\$4)) with (fix\$4 repair\$4 modify\$4) with (report\$4 notify\$4 collect\$4) with provider\$2                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 11:24 |
| S25 | 37   | ((ms mobile \$6phone cellular terminal ue (user near2 equipment)) near4 (status diagnostic\$4)) with (fix\$4 repair\$4 modify\$4) with (report\$4 notify\$4 collect\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 11:24 |
| S26 | 1065 | (ms mobile \$6phone cellular terminal ue (user near2 equipment)) with (report\$4 collect\$4) with (component\$2 maintain\$4 device\$2) with (servic\$4 provider\$2)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 15:18 |

## EAST Search History

|     |          |   |   |    |    |                  |
|-----|----------|---|---|----|----|------------------|
| S27 | 88764    | "455"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 15:18 |
| S28 | 23281537 | @ad<="20021025" or<br>@rlad<="20021025" or<br>@ptad<="20021025" or<br>@pt1d<="20021025" or<br>@pt3d<="20021025" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/28 18:18 |
| S29 | 68405    | S27 and S28   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 15:19 |
| S30 | 142      | S26 and S29   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 15:32 |
| S31 | 2        | "20040075675"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 15:32 |
| S32 | 2        | "20010049263"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/28 13:27 |
| S33 | 2        | "20040087303"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/28 13:27 |
| S34 | 2        | "20040198374"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/28 19:38 |
| S35 | 2        | "20040075675"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/28 18:57 |
| S36 | 23388750 | @ad<="20021025" or<br>@rlad<="20021025" or<br>@ptad<="20021025" or<br>@pt1d<="20021025" or<br>@pt3d<="20021025" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/28 18:18 |



## EAST Search History

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S37 | 4855 | (sim ((subscriber module) near3 (identify\$5 identity)) Msisdn min ani smartcard (smart near2 card)) with ((component\$2 maintain\$4 data information repair\$4 problem fail\$4 crash\$4 error) near5 (report\$4 collect\$4)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 13:05 |
| S38 | 1209 | (sim ((subscriber module) near3 (identify\$5 identity)) Msisdn min ani smartcard (smart near2 card)) with ((component\$2 maintain\$4 configur\$4 repair\$4 problem fail\$4 crash\$4 error) near5 (report\$4 collect\$4))      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/28 18:24 |
| S39 | 959  | (sim ((subscriber module) near3 (identify\$5 identity)) Msisdn min ani smartcard (smart near2 card)) near9 ((component\$2 maintain\$4 configur\$4 repair\$4 problem fail\$4 crash\$4 error) near5 (report\$4 collect\$4))     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/28 18:24 |
| S40 | 64   | (sim ((subscriber module) near3 (identify\$5 identity)) smartcard (smart near2 card)) near9 ((component\$2 maintain\$4 configur\$4 repair\$4 problem fail\$4 crash\$4 error) near5 (report\$4 collect\$4))                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/28 18:24 |
| S41 | 52   | S36 and S40   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/28 18:25 |
| S42 | 0    | 2004/0075675  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/28 18:57 |
| S43 | 2    | "20040075675"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/28 18:57 |
| S44 | 2    | "20010049263"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/28 19:39 |

## EAST Search History

|     |          |  |   |    |    |                  |
|-----|----------|--|---|----|----|------------------|
| S45 | 25133182 | @ad<="20031025" or<br>@rlad<="20031025" or<br>@ptad<="20031025" or<br>@pt1d<="20031025" or<br>@pt3d<="20031025"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 13:04 |
| S46 | 1076     | (sim ((subscriber module) near3<br>(identify\$5 identity)) smartcard<br>(smart near2 card)) near5 (stor\$4<br>monitor\$4 report\$4 collect\$4 sav\$4)<br>near10 (component\$2 perform\$4<br>maintain\$4 repair\$4 problem fail\$4<br>crash\$4 error) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 13:14 |
| S48 | 893      | S45 and S46  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 13:09 |
| S49 | 1408     | (sim (subscriber near3 module)<br>(remov\$4 near3 memory) smartcard<br>(smart near2 card)) near5 (stor\$4<br>monitor\$4 report\$4 collect\$4 sav\$4)<br>near10 (component\$2 perform\$4<br>maintain\$4 repair\$4 problem fail\$4<br>crash\$4 error)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 13:15 |
| S50 | 279      | (sim (subscriber near3 module)<br>(remov\$4 near3 memory) smartcard<br>(smart near2 card)) adj5 (stor\$4<br>monitor\$4 report\$4 collect\$4 sav\$4)<br>adj10 (component\$2 perform\$4<br>maintain\$4 repair\$4 problem fail\$4<br>crash\$4 error)    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 13:26 |
| S51 | 238      | S45 and S50  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 13:16 |
| S52 | 1273     | (sim (subscriber near3 module)<br>(remov\$4 near3 memory) smartcard<br>(smart near2 card)) near5 (stor\$4<br>record\$4 monitor\$4 report\$4<br>collect\$4 sav\$4) near10<br>(component\$2 perform\$4<br>maintain\$4)                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 13:28 |

## EAST Search History

|     |          |   |   |    |    |                  |
|-----|----------|---|---|----|----|------------------|
| S53 | 104      | (sim (subscriber near3 module) (remov\$4 near3 memory) smartcard (smart near2 card)) near5 (stor\$4 record\$4 monitor\$4 report\$4 collect\$4 sav\$4) near10 (component\$2 perform\$4 maintain\$4) with (mobile (personal\$4 near3 (digital device communicat\$4)) pda \$phone (apparatus near3 communicat\$4) cellular handheld (portable near3 (communicat\$4 device))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 13:29 |
| S54 | 76       | S45 and S53   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 15:20 |
| S55 | 25133182 | @ad<="20031025" or<br>@rlad<="20031025" or<br>@ptad<="20031025" or<br>@pt1d<="20031025" or<br>@pt3d<="20031025"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 15:55 |
| S56 | 104      | (sim (subscriber near3 module) (remov\$4 near3 memory) smartcard (smart near2 card)) near5 (stor\$4 record\$4 monitor\$4 report\$4 collect\$4 sav\$4) near10 (component\$2 perform\$4 maintain\$4) with (mobile (personal\$4 near3 (digital device communicat\$4)) pda \$phone (apparatus near3 communicat\$4) cellular handheld (portable near3 (communicat\$4 device))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 15:47 |
| S57 | 76       | S55 and S56   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 15:26 |
| S58 | 273      | (sim (subscriber near3 module) (remov\$4 near3 memory) smartcard (smart near2 card)) near5 (stor\$4 record\$4 monitor\$4 report\$4 collect\$4 sav\$4) near10 (component\$2 unit equip\$4 featur\$4) near5 (status\$4 perform\$4 operat\$4 function\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 15:48 |

## EAST Search History

|     |          |   |   |    |    |                  |
|-----|----------|---|---|----|----|------------------|
| S59 | 225      | (sim (subscriber near3 module)<br>(remov\$4 near3 memory) smartcard<br>(smart near2 card)) near5 (stor\$4<br>record\$4 monitor\$4 report\$4<br>collect\$4 sav\$4) near10<br>((component\$2 unit equip\$4<br>featur\$4) near5 (status\$4<br>perform\$4 operat\$4 function\$4)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 18:28 |
| S60 | 183      | S55 and S59   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 15:49 |
| S61 | 23515470 | @ad<="20021025" or<br>@rlad<="20021025" or<br>@ptad<="20021025" or<br>@pt1d<="20021025" or<br>@pt3d<="20021025"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 18:28 |
| S62 | 158      | S59 and S61   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/06 15:57 |
| S63 | 16       | ("5361397"   "5559504"   "5742905"<br>  "5771446"   "5819234"  <br>"5825007"   "6026375"   "6061557"<br>  "6078806"   "6091956"  <br>"6101483"   "6169890"   "6195541"<br>  "6259376"   "6263316"  <br>"6490443").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2006/11/06 16:18 |
| S64 | 1        | ("2002/0037714").URPN.  | USPAT   | OR | ON | 2006/11/06 16:19 |